FR920040050

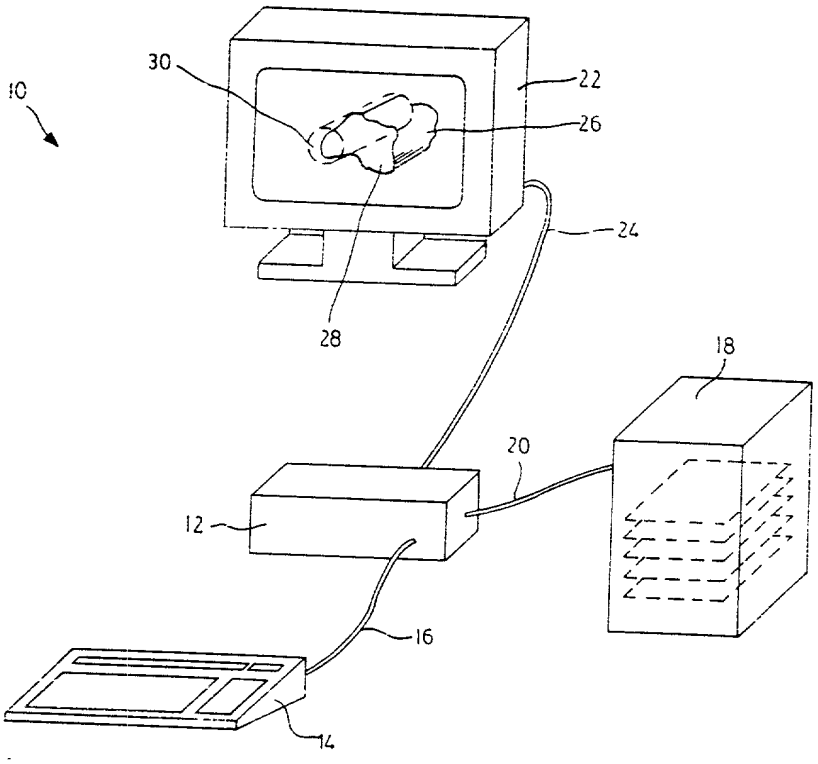

FIG 1

FR9500050

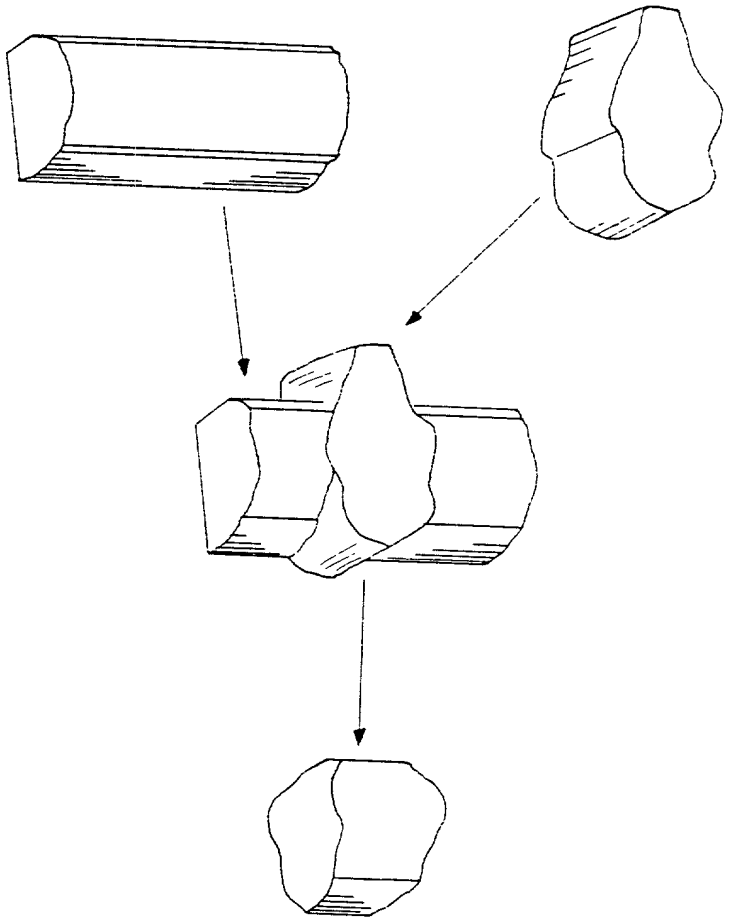

FIG 2

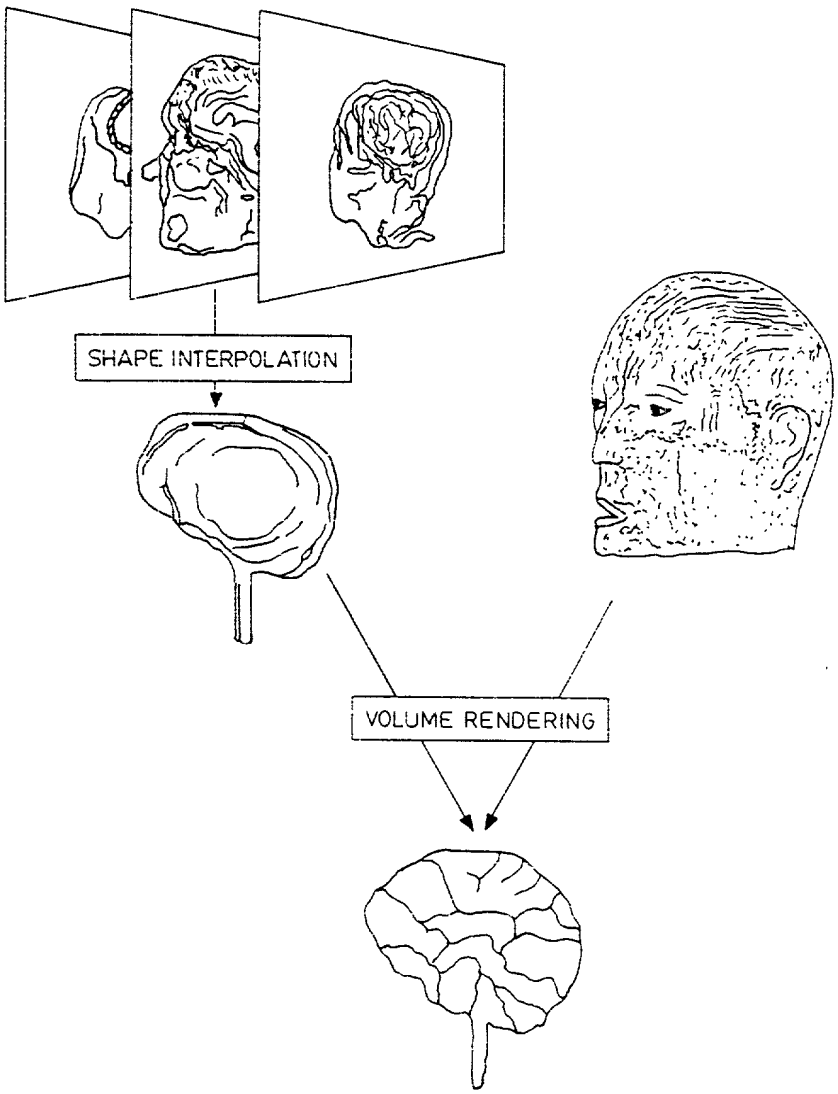

FIG 3

EP 0 726 544 A2

DE2820 00660660

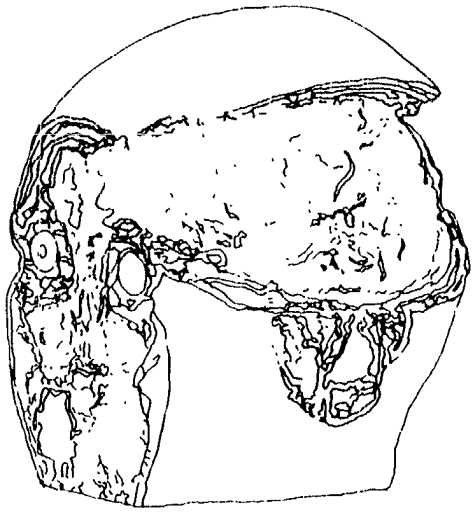

FIG 4a

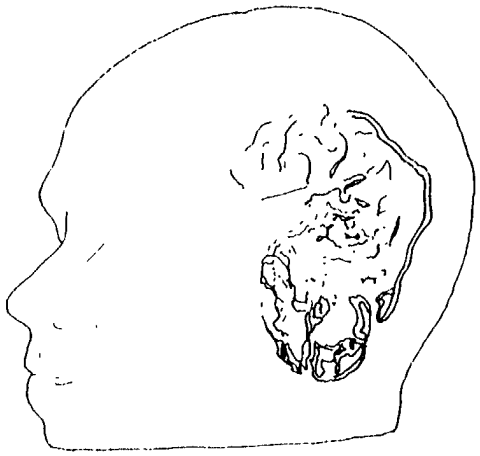

FIG 4b

TOE270 "00660660

FIG 5a

FIG 5b

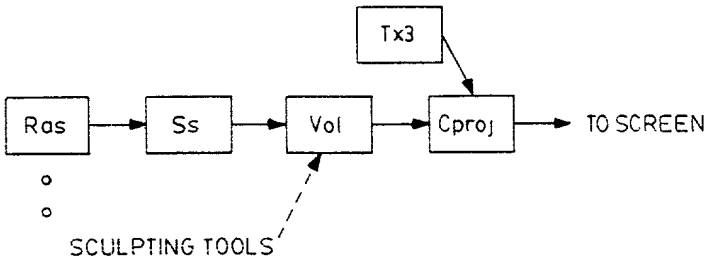
Tx3
Ras
Ss
Vol
Cproj
TO SCREEN
SCULPTING TOOLS

FIG. 6

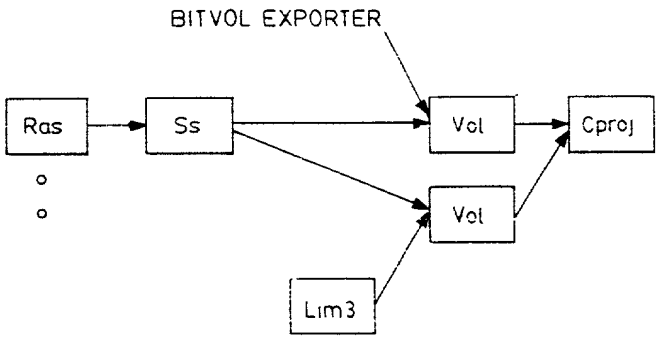
BITVOL EXPORTER
Ras
Ss
Vol
Cproj
Vol
Lim3

FIG 7

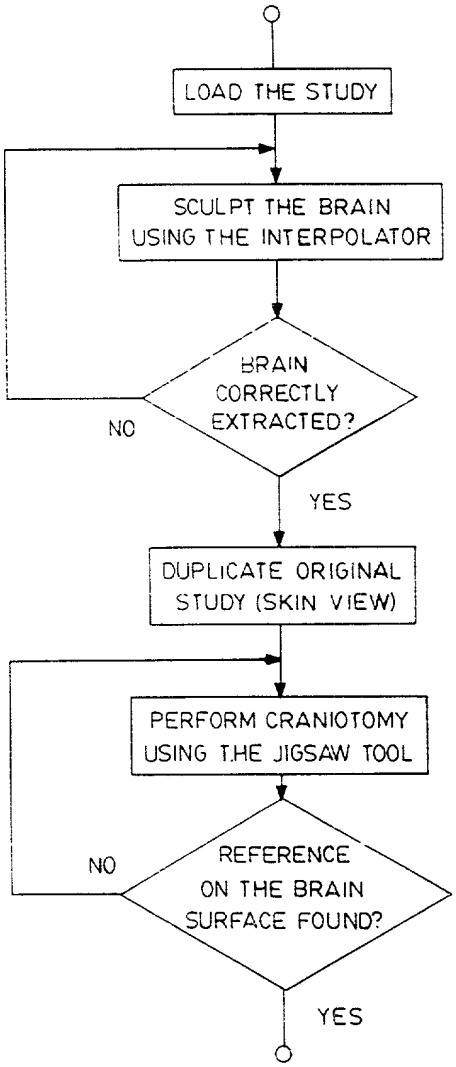
LOAD THE STUDY
SCULPT THE BRAIN USING THE INTERPOLATOR
BRAIN CORRECTLY EXTRACTED?
NO
YES
DUPLICATE ORIGINAL STUDY (SKIN VIEW)
PERFORM CRANIOTOMY USING THE JIGSAW TOOL
REFERENCE ON THE BRAIN SURFACE FOUND?
NO
YES

FIG 8a

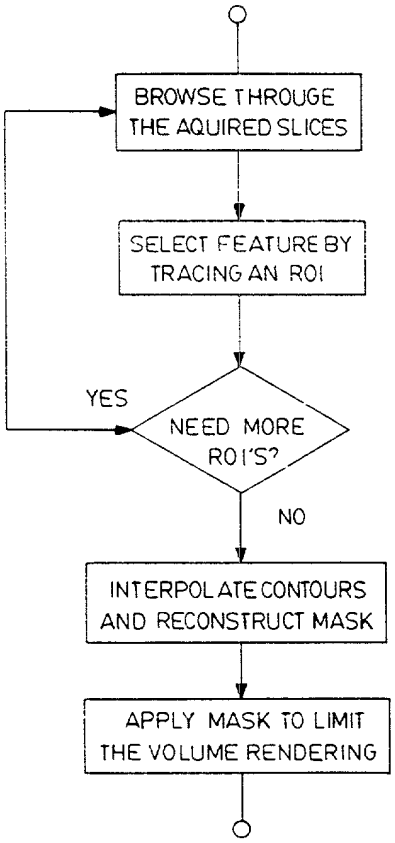
BROWSE THROUGE THE AQUIRED SLICES
SELECT FEATURE BY TRACING AN ROI
YES
NEED MORE ROI'S?
NO
INTERPOLATE CONTOURS AND RECONSTRUCT MASK
APPLY MASK TO LIMIT THE VOLUME RENDERING

FIG 8b

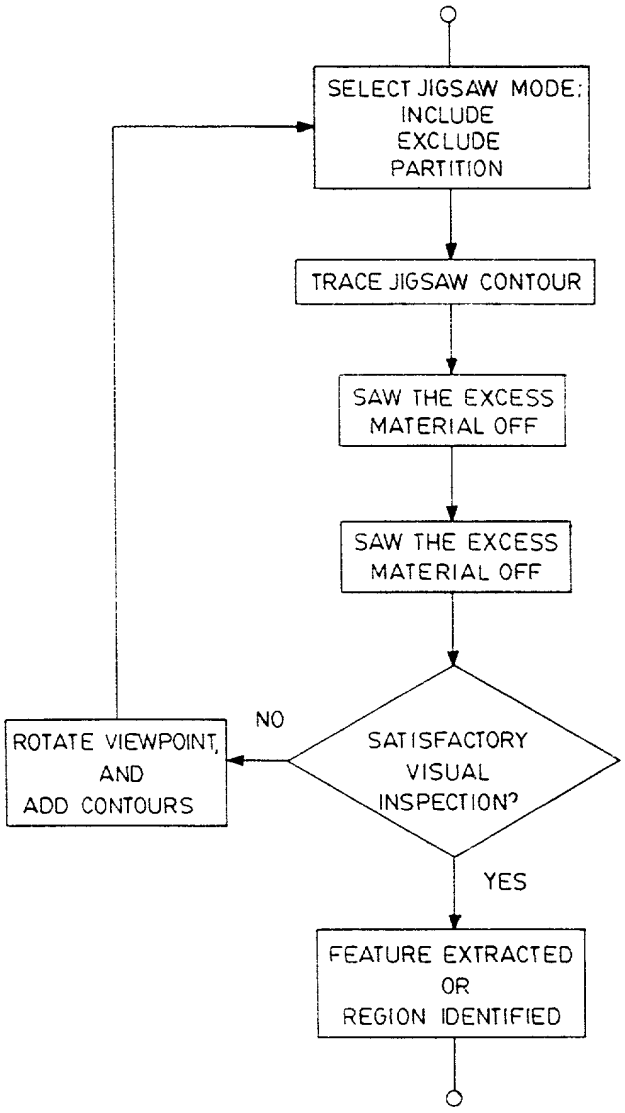
SELECT JIGSAW MODE:
INCLUDE
EXCLUDE
PARTITION
TRACE JIGSAW CONTOUR
SAW THE EXCESS MATERIAL OFF
SAW THE EXCESS MATERIAL OFF
SATISFACTORY VISUAL INSPECTION?
NO
ROTATE VIEWPOINT, AND ADD CONTOURS
YES
FEATURE EXTRACTED OR REGION IDENTIFIED

FIG 8c

WO 92/20030 PCT/US92/03960

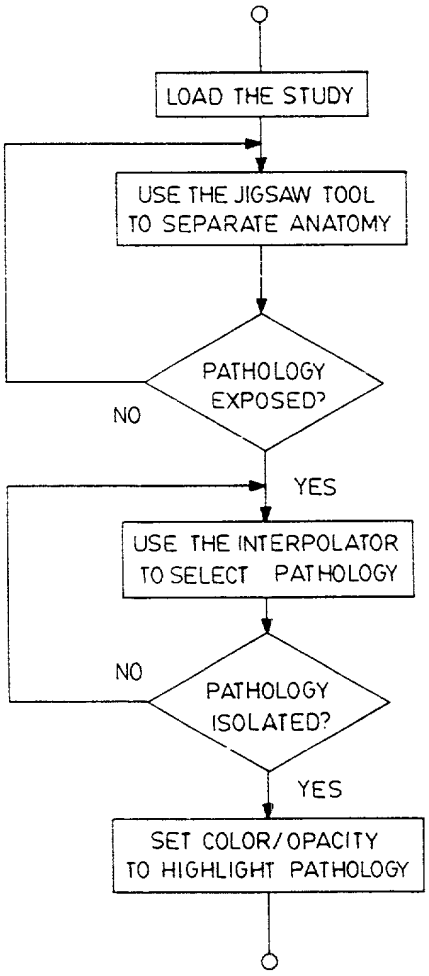

FIG 8d